UNITED STATES PATENT AND TRADEMARK OFFICE

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EXAMINER
LEE, JAE YOUNG

ART UNIT	PAPER NUMBER
2466	

NOTIFICATION DATE	DELIVERY MODE
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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	Application No.	Applicant(s)
Office Action Summary	10/567,474	MICHL, ANDREAS
	Examiner	Art Unit	
	JAE Y. LEE	2466	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *19 April 2010*.
2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1, 2, 4, 6-11, 13, and 15-21* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) *1, 2, 4, 6-11, 13, and 15-21* is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a) ☐ All   b) ☐ Some * c) ☐ None of:
        1. ☐ Certified copies of the priority documents have been received.
        2. ☐ Certified copies of the priority documents have been received in Application No. _____.
        3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

`DETAILED ACTION

Status

1.   In view of the appeal brief filed on 19 April 2010, PROSECUTION IS HEREBY

REOPENED. The new grounds of rejections set forth below.

To avoid abandonment of the application, appellant must exercise one of the

following two options:

(1) file a reply under 37 CFR 1.111 (if this Office action is non-final) or a reply

under 37 CFR 1.113 (if this Office action is final); or,

(2) initiate a new appeal by filing a notice of appeal under 37 CFR 41.31 followed

by an appeal brief under 37 CFR 41.37. The previously paid notice of appeal fee and

appeal brief fee can be applied to the new appeal. If, however, the appeal fees set forth

in 37 CFR 41.20 have been increased since they were previously paid, then appellant

must pay the difference between the increased fees and the amount previously paid.

A Supervisory Patent Examiner (SPE) has approved of reopening prosecution by

signing below.

Response to Amendments

2.   Claims 3, 5, 12, and 14 have been canceled.

Claim Objections

3.   Claims 1, 4 are objected to under 37 CFR 1.75 because of the following

informalities:

Claim 1 line 8 recites "displayed listed". It is suggested that applicant changes "displayed listed" to -- displayed --.

Claim 1 lines 13, 14 recite "a selection with which a specific point". It is suggested that applicant changes "a selection with which a specific point" to -- a selection of a specific point --.

Claim 1 line 13 recites "first characteristic feature is selectable". It is suggested that applicant changes "first characteristic feature is selectable" to -- first characteristic feature that is selectable --.

Claim 4 line 8 recites "displayed listed". It is suggested that applicant changes "displayed listed" to -- displayed --.

Claim 4 lines 13, 14 recite "a selection with which a specific point". It is suggested that applicant changes "a selection with which a specific point" to -- a selection of a specific point --.

Claim 4 line 13 recites "first characteristic feature is selectable". It is suggested that applicant changes "first characteristic feature is selectable" to -- first characteristic feature that is selectable --.

Appropriate correction is required.

Claim Rejections - 35 USC § 112

4.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1, 2, 4, 6-9 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

For claims 1, 4, it is unclear whether 112, 6th paragraph, has been invoked for the claim elements "*selector*" because the phrase "means for" or "step for" is not used and no specific structure is recited to perform the functionality in the claim limitation.

If applicant wishes to have the claim limitation treated under 35 U.S.C. 112, sixth paragraph, applicant is required to:

(a)   Amend the claim to include the phrase "means for" or "step for" in accordance with these guidelines: the phrase "means for" or "step for" must be modified by functional language and the phrase must not be modified by sufficient structure, material, or acts for performing the claimed function; or

(b)   Show that the claim limitation is written as a function to be performed and the claim does not recite sufficient structure, material, or acts for performing the claimed function which would preclude application of 35 U.S.C. 112, sixth paragraph. For more information, see MPEP § 2181.

To achieve the goal of compact prosecution, the examiner assumes that 112, sixth paragraph has been invoked for the claim elements. In order to display, in the first region relative to the displayed sequence of messages, another sequence of messages with a temporally different position, another sequence of message is read in with the associated items of information by means of the selector from the storage device (Page 12 lines 12-16). However, there is no specific structure or algorithm corresponding to

the function for the selector in the specification. Therefore, it is rejected under 35 U.S.C.

112, 2nd Paragraph because there is no disclosure or insufficient disclosure of the

structure of specific algorithm (or steps) for performing the function recited in a claim

limitation invoking 35 U.S.C. 112, sixth paragraph.

Claims 2, 6-9 are also rejected based upon the rejection of base claims 1, 4.

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

6.   The factual inquiries set forth in *Graham* **v.** *John Deere Co.*, 383 U.S. 1, 148

USPQ 459 (1966), that are applied for establishing a background for determining

obviousness under 35 U.S.C. 103(a) are summarized as follows:

1.   Determining the scope and contents of the prior art.
2.   Ascertaining the differences between the prior art and the claims at issue.
3.   Resolving the level of ordinary skill in the pertinent art.
4.   Considering objective evidence present in the application indicating
        obviousness or nonobviousness.

7.   **Claim 1, 2, 4, 6-11, 13, 15-21** are rejected under 35 U.S.C. 103(a) as being

unpatentable over Pruthi (US 2002/0105911) in view of Bahadiroglu (US

2002/0186660), Hilliker (US 2002/0100422) and Ikami (US 2002/0026247).

For claims 1, 10, Pruthi discloses a system and method comprising:

- a message analyzer for analyzing messages which are transmitted, the

  message analyzer comprising (Fig. 1: computer C1; F1ig 10: traffic

  visualizer):

- a storage device for storing messages (Fig. 3: 318: paragraph 0036 line 2:

  memory);

- a selector for reading in a sequence of temporally successive messages

  (paragraph 0036 lines 3-5: processor and query engine generating statistics

  corresponding to the packets);

- a display device (paragraph 0037 lin7e 11) for displaying, on a single screen,

  a first region and one a second region, wherein a the sequence of messages,

  is read in by means of the selector from the storage device be and displayed

  listed in the first region (Fig. 17, Fig. 20),

- wherein the selector determines, for the first characteristic feature of the

  messages which are transmitted and the a course of this the first

  characteristic feature is displayed on the display device in the second region

  (Fig. 20: TCP level bit rate)

- additional item of information stored during storage of messages in the

  storage device (Fig. 17: sequence of messages; paragraph 0036 lines 13-16:

  statistics in memory; paragraph 0037 lines 8-11: providing the statistics to

  display device)

Pruthi discloses all the subject matter of the claimed invention with the exception

for at least one service access points from layers of an Open Systems Interconnection

(OSI) reference model and end system of a subscriber of a mobile telephone system. Bahadiroglu discloses at least one service access points from layers of an Open Systems Interconnection (OSI) reference model (paragraph 0089 lines 1-8: SAP, OSI protocol model) and end system of a subscriber of a mobile telephone system (paragraph 0036 line 5: mobile node; paragraph 0073 line 3-15: network is interconnected by lines including fiber optic cables, wireless connections connected to processing device or mobile phone). Therefore, it would have been obvious to the person of ordinary skill in the art at the time of invention was made to incorporate at least one service access points from layers of an Open Systems Interconnection (OSI) reference model and end system of a subscriber of a mobile telephone system of Bahadiroglu to the method and the system of Pruti. The motivation would have been to provide adaptive packet mechanism for optimizing data packet transmission through a connection between the sending node and the receiving node (Bahadiroglu paragraph 0047 lines 1-7).

Pruthi and Bahadiroglu disclose all the subject matter of the claimed invention with the exception for the sequence of messages read in by the selector is dependent upon a selection with which a specific point of the course of the first characteristic feature is selectable in the second region. Hilliker discloses the sequence of messages read in by the selector is dependent upon a selection with which a specific point of the course of the first characteristic feature is selectable in the second region (Fig. 5B; paragraph 0045 lines 1-10: test output generated by network analyzer for test configuration including a plot of attenuation versus frequency, and a table of values

corresponding to the markers on plots). Therefore, it would have been obvious to the

person of ordinary skill in the art at the time of invention was made to incorporate the

sequence of messages read in by the selector is dependent upon a selection with which

a specific point of the course of the first characteristic feature is selectable in the second

region of Hilliker to the method and the system of Pruthi and Bahadiroglu. The

motivation would have been to enhance user interface.

Pruthi, Bahadiroglu, and Hilliker disclose all the subject matter of the claimed

invention with the exception for the display device is configured to display a selectable

marking produced automatically by the selector in the second region based on a

predefined additional item of information, upon selection of the marking, a sequence of

messages which corresponds to the specific point of the selected marking is read in

from the storage device. Ikami discloses the display device is configured to display a

selectable marking produced automatically by the selector in the second region based

on a predefined additional item of information (Fig. 5, Fig. 6; paragraph 0024: the

plotted data displayed in this second window is assumed to be the data value f_7 in the

variable Y denoted by an arrow plotted with respect to the second variable X. A position

denoted by an arrow here can be specified with the pointer means for any value in the

variable Y marked by the user; paragraph 0027: each time the left button of the mouse

is clicked, the display field can be changed sequentially to f_2, f_3, f_4,... at the f_i data value

shown in Fig. 3. In such case, the sub-plotted data in the second window can also be

changed sequentially to f_2, f_3, f_4, ... in accordance with the change; the predefined

additional item of information is equivalent to the variable f_i), upon selection of the

marking, a sequence of messages which corresponds to the specific point of the

selected marking is read in from the storage device (Fig. 5, Fig. 6; paragraph 0024: the

plotted data displayed in this second window is assumed to be the data value f_7 in the

variable Y denoted by an arrow plotted with respect to the second variable X. A position

denoted by an arrow here can be specified with the pointer means for any value in the

variable Y marked by the user; paragraph 0027: each time the left button of the mouse

is clicked, the display field can be changed sequentially to f_2, f_3, f_4,... at the f_i data value

shown in Fig. 3. In such case, the sub-plotted data in the second window can also be

changed sequentially to f_2, f_3, f_4, ... in accordance with the change; Fig.3, paragraph

0021: in the data class stored in the database DB used by the present invention, f_i, for

example a measured data value, which corresponds to each discrete value of the

variable Y, is stored in each field; the sequence of message is represented by variable

x_j of the course upon changes of variable f_i by clicking). Therefore, it would have been

obvious to the person of ordinary skill in the art at the time of invention was made to

incorporate the display device is configured to display a selectable marking produced

automatically by the selector in the second region based on a predefined additional item

of information, upon selection of the marking, a sequence of messages which

corresponds to the specific point of the selected marking is read in from the storage

device of Ikami to the method and the system of Pruthi, Bahadiroglu, and Hilliker. The

motivation would have been to make it easier to visualize data to be changed in

dependence on a plurality of variables accurately, simply, and effectively (Ikami

paragraph 0008).

For claims 2, 11, Pruthi discloses

- the selector (paragraph 0036 lines 3-5: processor and query engine generating statistics corresponding to the packets) determines a second characteristic feature for messages which are transmitted, and the a course of the second characteristic feature is displayed on the display device in the second region of the display device (Fig. 20: TCP level packet rate)

Pruthi discloses all the subject matter of the claimed invention with the exception for a plurality of service access points of a layer of the OSI reference model. Bahadiroglu discloses a plurality of service access points of a layer of the OSI reference model (paragraph 0089 lines 1-8: SAP, OSI protocol model). Therefore, it would have been obvious to the person of ordinary skill in the art at the time of invention was made to incorporate a plurality of service access points of a layer of the OSI reference model of Bahadiroglu to the method and the system of Pruti. The motivation would have been to provide adaptive packet mechanism for optimizing data packet transmission through a connection between the sending node and the receiving node (Bahadiroglu paragraph 0047 lines 1-7).

For claim 4, 13, Pruthi discloses the system comprising:

- message analyzer for analyzing messages which are transmitted, the message analyzer comprising (Fig. 1: computer C1; Fig 10: traffic visualizer):

a storage device for storing messages (Fig. 3: 318: paragraph 0036 line 2:

memory);

- a storage device for storing messages (Fig. 3: 318: paragraph 0036 line 2:

  memory);

- a selector for reading in a sequence of temporally successive messages

  (paragraph 0036 lines 3-5: processor and query engine generating statistics

  corresponding to the packets);

- a display device (paragraph 0037 line 11) for displaying, on a single screen, a

  first region and one a second region, wherein a the sequence of messages, is

  read in by means of the selector from the storage device be and displayed

  listed in the first region (Fig. 17, Fig. 20),

- wherein the selector determines, for the first characteristic feature of the

  messages which are transmitted and the a course of this the first

  characteristic feature is displayed on the display device in the second region

  (Fig. 20: TCP level bit rate),

- wherein a sequence of messages is read in from the storage device (Fig. 17:

  sequence of messages; paragraph 0036 lines 13-16: statistics in memory;

  paragraph 0037 lines 8-11: providing the statistics to display device)

Pruthi discloses all the subject matter of the claimed invention with the exception

for at least one service access points from layers of an Open Systems Interconnection

(OSI) reference model and end system of a subscriber of a mobile telephone system.

Bahadiroglu discloses at least one service access points from layers of an Open

Systems Interconnection (OSI) reference model (paragraph 0089 lines 1-8: SAP, OSI

protocol model) and end system of a subscriber of a mobile telephone system

(paragraph 0036 line 5: mobile node; paragraph 0073 line 3-15: network is

interconnected by lines including fiber optic cables, wireless connections connected to

processing device or mobile phone). Therefore, it would have been obvious to the

person of ordinary skill in the art at the time of invention was made to incorporate at

least one service access points from layers of an Open Systems Interconnection (OSI)

reference model and end system of a subscriber of a mobile telephone system of

Bahadiroglu to the method and the system of Pruti. The motivation would have been to

provide adaptive packet mechanism for optimizing data packet transmission through a

connection between the sending node and the receiving node (Bahadiroglu paragraph

0047 lines 1-7).

    Pruthi and Bahadiroglu disclose all the subject matter of the claimed invention

with the exception for a sequence of messages is dependent upon a selection with

which specific point of the first characteristic feature is selectable in the second region.

Hilliker discloses a sequence of messages is dependent upon a selection with which

specific point of the first characteristic feature is selectable in the second region (Fig.

5B; paragraph 0045 lines 1-10: test output generated by network analyzer for test

configuration including a plot of attenuation versus frequency, and a table of values

corresponding to the markers on plots). Therefore, it would have been obvious to the

person of ordinary skill in the art at the time of invention was made to incorporate a

sequence of messages is dependent upon a selection with which specific point of the

first characteristic feature is selectable in the second region of Hilliker to the method and

the system of Pruthi and Bahadiroglu. The motivation would have been to enhance user

interface.

Pruthi, Bahadiroglu, and Hilliker disclose all the subject matter of the claimed

invention with the exception for a plurality of specific points are marked by respective

markings in the course displayed in the second region and, upon selection of a marking

of the markings, a sequence of messages which corresponds to the specific point of the

selected marking is read in from the storage device. Ikami discloses a plurality of

specific points are marked by respective markings in the course displayed in the second

region and (Fig. 5, Fig. 6; paragraph 0024: the plotted data displayed in this second

window is assumed to be the data value f_7 in the variable Y denoted by an arrow plotted

with respect to the second variable X. A position denoted by an arrow here can be

specified with the pointer means for any value in the variable Y marked by the user;

paragraph 0027: each time the left button of the mouse is clicked, the display field can

be changed sequentially to f_2, f_3, f_4,... at the f_i data value shown in Fig. 3. In such case,

the sub-plotted data in the second window can also be changed sequentially to f_2, f_3, f_4,

... in accordance with the change), upon selection of a marking of the markings, a

sequence of messages which corresponds to the specific point of the selected marking

is read in from the storage device (Fig. 5, Fig. 6; paragraph 0024: the plotted data

displayed in this second window is assumed to be the data value f_7 in the variable Y

denoted by an arrow plotted with respect to the second variable X. A position denoted

by an arrow here can be specified with the pointer means for any value in the variable Y

marked by the user; paragraph 0027: each time the left button of the mouse is clicked,

the display field can be changed sequentially to f_2, f_3, f_4,... at the f_i data value shown in

Fig. 3. In such case, the sub-plotted data in the second window can also be changed

sequentially to f_2, f_3, f_4, ... in accordance with the change; Fig.3, paragraph 0021: in the

data class stored in the database DB used by the present invention, f_i, for example a

measured data value, which corresponds to each discrete value of the variable Y, is

stored in each field; the sequence of message is represented by variable x_j of the

course upon changes of variable f_i by clicking). Therefore, it would have been obvious to

the person of ordinary skill in the art at the time of invention was made to incorporate a

plurality of specific points are marked by respective markings in the course displayed in

the second region and, upon selection of a marking of the markings, a sequence of

messages which corresponds to the specific point of the selected marking is read in

from the storage device of Ikami to the method and the system of Pruthi, Bahadiroglu,

and Hilliker. The motivation would have been to make it easier to visualize data to be

changed in dependence on a plurality of variables accurately, simply, and effectively

(Ikami paragraph 0008).

For claim 6, 15, Pruthi discloses

- the course of the first characteristic feature is displayed in the second region
  in a coordinate system, wherein the X axis of the coordinate system is a time
  axis (Fig. 20: plot of TCP level bit rate)

For claim 7, 16, Pruthi discloses

- the third region (Fig. 17) of the course displayed in the second region which
  corresponds respectively to the sequence of messages currently displayed in
  the first region (Fig. 20)

Pruthi does not explicitly disclose highlighting. However, Pruthi discloses the third

region of the course displayed in the second region which corresponds respectively to

the sequence of messages currently displayed in the first region (Fig. 17, Fig. 20).

Therefore, it is obvious to one having ordinary skill in the art at the time is able to

recognize the information of messaging since highlighting is known to the artisan of

ordinary skill as design choice.

For claim 8, 17, Pruthi discloses

- the course of the first characteristic feature is displayed in the second region
  in a coordinate system, wherein the X axis of the coordinate system is
  subdivided into intervals (Fig. 20: TCP level bit rate; paragraph 0038 lines 6-
  9: packets divided into sets during one of successive one-second time
  periods).

Pruthi does not explicitly disclose each having an identical number of messages.

However, Pruthi discloses TCP level bit rate (Fig. 20) and packets divided into sets

during one of successive one-second time periods (paragraph 0038 lines 6-9).

Therefore, it is obvious to one having ordinary skill in the art at the time is able to use

the identical number of messages during sampling time because the packets divided

into sets during one of successive one-second time periods. The motivation would have

been to improve reliability by monitoring data on the communication line.

For claim 9, Pruthi discloses

- the first characteristic feature is a number of transmitted messages per

  interval of time or a data load or a number of messages transmitted

  repeatedly (Fig. 20: TCP level bit rate).

Pruthi discloses all the subject matter of the claimed invention with the exception

for a layer of the OSI reference model. Bahadiroglu discloses a layer of the OSI

reference model (paragraph 0089 lines 1-8: OSI protocol model). Therefore, it would

have been obvious to the person of ordinary skill in the art at the time of invention was

made to incorporate a layer of the OSI reference model of Bahadiroglu to the method

and the system of Pruti. The motivation would have been to provide adaptive packet

mechanism for optimizing data packet transmission through a connection between the

sending node and the receiving node (Bahadiroglu paragraph 0047 lines 1-7).

For claims 18, 20, Pruthi discloses

- test run (Fig 10: traffic visualizer)

Pruthi, Bahadiroglu, and Hilliker disclose all the subject matter of the claimed

invention with the exception for the predefined additional item of information is defined

as a specific event that occurs. Ikami discloses the predefined additional item of

information is defined as a specific event that occurs (Fig. 5, Fig. 6; paragraph 0024: the

plotted data displayed in this second window is assumed to be the data value f_7 in the

variable Y denoted by an arrow plotted with respect to the second variable X. A position

denoted by an arrow here can be specified with the pointer means for any value in the

variable Y marked by the user; paragraph 0027: each time the left button of the mouse

is clicked, the display field can be changed sequentially to f_2, f_3, f_4,… at the f_i data value

shown in Fig. 3. In such case, the sub-plotted data in the second window can also be

changed sequentially to f_2, f_3, f_4, … in accordance with the change; the predefined

additional item of information is equivalent to the variable f_i). Therefore, it would have

been obvious to the person of ordinary skill in the art at the time of invention was made

to incorporate the predefined additional item of information is defined as a specific event

that occurs of Ikami to the method and the system of Pruthi, Bahadiroglu, and Hilliker.

The motivation would have been to make it easier to visualize data to be changed in

dependence on a plurality of variables accurately, simply, and effectively (Ikami

paragraph 0008).

For claims 19, 21, Pruthi discloses

- test run (Fig 10: traffic visualizer)

Pruthi and Bahadiroglu disclose all the subject matter of the claimed invention

with the exception for the specific event is a change of attenuation. Hilliker discloses the

specific event is a change of attenuation (Fig. 5; paragraph 0045 lines 1-10: test output

generated by network analyzer for test configuration including a plot of attenuation

versus frequency, and a table of values corresponding to the markers on plots).

Therefore, it would have been obvious to the person of ordinary skill in the art at the

time of invention was made to incorporate the specific event is a change of attenuation

of Hilliker to the method and the system of Pruthi and Bahadiroglu. The motivation

would have been to enhance user interface.

Conclusion

8.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Jae Y. Lee whose telephone number is (571) 270-3936.

The examiner can normally be reached on Monday through Friday from 7:30 AM to 5:00

PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Daniel Ryman can be reached on (571) 272-3152. The fax phone number

for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

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USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Jae Y Lee/   /Daniel J. Ryman/
Examiner, Art Unit 2466   Supervisory Patent Examiner, Art
                                                Unit 2466